

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____

2. NAME OF OPERATOR

Gray Petroleum Management Co.

3. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1620' FNL & 1400' FEL

At top prod. interval reported below 1620' FNL & 1400' FEL

At total depth 1620' FNL & 1400' FEL

ACCEPTED FOR RECORD

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

NM-41645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME

SCR-330

8. FARM OR LEASE NAME, WELL NO.

Federal 13 Com No. 4

9. API WELL NO.

30-015-34199 S1

10. FIELD AND POOL, OR WILDCAT

White City; Penn (Gas)

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

13-25S-26E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

10-20-05

16. DATE T.D. REACHED

11-07-05

17. DATE COMPL. (Ready to prod.)

01-02-06

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

3240' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12373'

21. PLUG, BACK T.D., MD & TVD

11610'

22. IF MULTIPLE COMPL. HOW MANY*

1

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

All

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

White City; Penn (Gas) 11493' - 11585'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron, DLL Microguard, Cement Bond Log

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48#	209'	17-1/2"	230 sx PremPlus circ 35 sx	
9-5/8" J-55	40#	3000'	12-1/4"	940 sx IntC/PremPlus circ 165 sx	
5-1/2" P-110	17#	12373'	8-3/4"	2185 sx IntH/SupH/IntC/SupH	
				TOC surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	11470'	11470'

31. PERFORATION RECORD (Interval, size and number)

11731' - 11754' 6 SPF 102 Holes set CIBP 11690', 35' cement

11577' - 11585' 6 SPF 48 Holes set CIBP 11650' 35' cement

11493' - 11509' 6 SPF 96 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11577' - 11585'	30000 gal foam 45# gel 7% KCL & CO2
	32000# 18/40 VProp

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
01-02-06		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-28-06	24	WO	→	0	961	0	NA
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
120	900	→	0	961	0	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Natalie Krueger

TITLE

Reg Tech

DATE

03-06-06

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

APR 27 2006

OCD-ARTESIA

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	1948'	
Bone Spring	5413'	
Wolfcamp	8571'	
Cisco-Canyon	10122'	
Strawn	10355'	
Atoka	10525'	
Morrow	11158'	

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34199	Pool Code 87280	Pool Name White City; Penn (Gas)
Property Code	Property Name FEDERAL 13 COM	Well Number 4
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT COMPANY	Elevation 3240'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	13	25-S	26-E		1620	NORTH	1400	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 640	Joint or Infill Y	Consolidation Code C	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

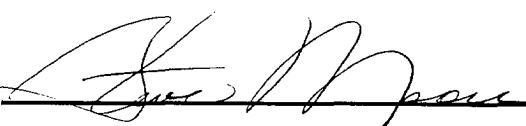
	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Zeno Farris</i> Signature Zeno Farris Printed Name Mgr Operations Admin Title 03-06-06 Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MAY 11, 2005 Date Surveyed Signature & Seal of Professional Surveyor GARY EIDSON 5/26/05 05.11.0734 Certificate No. GARY EIDSON 12641
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OPERATOR MAGNUM HUNTER RESOURCES dba GRUY PETROLEUM MGMT.
WELL/LEASE FEDERAL 13-4
COUNTY EDDY, NM

080-0038

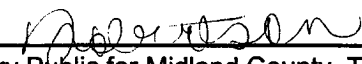
STATE OF NEW MEXICO
DEVIATION REPORT

171	1
579	1
703	1
1,107	1
1,518	2
1,677	3
1,800	2
1,963	1
2,405	1
2,690	1
2,904	1/2
3,335	1/2
3,810	1/2
4,275	1/2
4,751	1/2
5,293	1/2
5,635	1
6,110	2
6,394	1
6,418	1 1/2
6,870	1/2
7,345	1/2
7,820	1 1/2
8,199	1/2
8,610	1/2
8,920	1 1/4
9,305	1/2
9,685	1/2
10,096	1 1/2
10,443	1 1/2
10,846	1
11,358	1/2
11,768	1/2
12,051	1/2
12,333	1/2

BY: 

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on December 8, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


Notary Public for Midland County, Texas
My Commission Expires: 8/23/07

